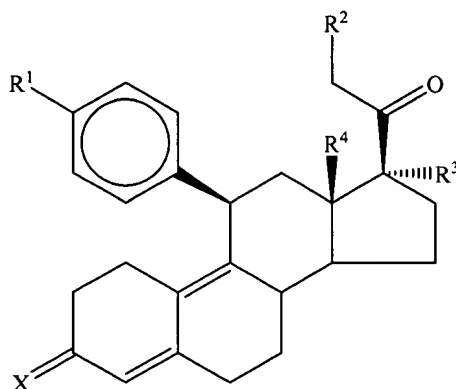


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A compound having the general formula:



wherein:

R^1 is a member selected from the group consisting of OCH_3 , SCH_3 ,
 $\text{-N(CH}_3)_2$, and -NHCH_3 , ~~CHO , COCH_3 , and CHOHCH_3~~ ;

R^2 is a member selected from the group consisting of halogen, alkyl, acyl,
hydroxy, alkoxy, acyloxy, alkylcarbonate, cypionyloxy, S-alkyl and
S-acyl;

R^3 is a member selected from the group consisting of alkyl, hydroxy,
alkoxy and acyloxy;

R^4 is a member selected from the group consisting of hydrogen and alkyl;
and

X is a member selected from the group consisting of $=\text{O}$ and
 $=\text{N-OR}^5$, wherein R^5 is a member selected from the group
consisting of hydrogen and alkyl;

16 with the proviso that if X is =O, R¹ is -N(CH₃)₂, R² is hydroxy and R⁴ is
17 alkyl, then R³ is other than hydroxy.

1 Claim 2 (original): A compound in accordance with claim 1 in which:

2 R¹ is -N(CH₃)₂.

1 Claim 3 (withdrawn): A compound in accordance with claim 1 in which:

2 R² is halogen.

1 Claim 4 (original): A compound in accordance with claim 1 in which:

2 R² is alkoxy.

1 Claim 5 (original): A compound in accordance with claim 1 in which:

2 R³ is acyloxy.

1 Claim 6 (original): A compound in accordance with claim 1 in which:

2 R⁴ is alkyl.

1 Claim 7 (original): A compound in accordance with claim 1 in which:

2 X is =O.

1 Claim 8 (withdrawn): A compound in accordance with claim 1 in which:

2 X is =N-OR⁵.

1 Claim 9 (withdrawn): A compound in accordance with claim 1 in which:

2 R¹ is -N(CH₃)₂;

3 R² is halogen;

4 R³ is acyloxy;

5 R⁴ is alkyl; and

6 X is =O.

1 Claim 10 (withdrawn): A compound in accordance with claim 9 in which:

2 R² is F.

1 Claim 11 (withdrawn): A compound in accordance with claim 9 in which:

2 R² is Br.

1 Claim 12 (withdrawn): A compound in accordance with claim 9 in which:

2 R² is Cl.

1 Claim 13 (withdrawn): A compound in accordance with claim 9 in which:

2 R⁴ is methyl.

1 Claim 14 (withdrawn): A compound in accordance with claim 1 in which:

2 R¹ is —N(CH₃)₂;

3 R² is alkyl;

4 R³ is acyloxy;

5 R₄ is alkyl; and

6 X is =O.

1 Claim 15 (original): A compound in accordance with claim 1 in which:

2 R¹ is —N(CH₃)₂;

3 R² is alkoxy;

4 R₃ is acyloxy;

5 R⁴ is alkyl; and

6 X is =O.

1 Claim 16 (original): A compound in accordance with claim 15 in which:

2 R² is methoxy.

1 Claim 17 (original): A compound in accordance with claim 15 in which:

2 R² is ethoxy.

1 Claim 18 (original): A compound in accordance with claim 15 in which:

2 R^3 is acetoxy.

1 Claim 19 (original): A compound in accordance with claim 1 in which:

2 R^1 is $-N(CH_3)_2$;

3 R^2 is hydroxy;

4 R^3 is acyloxy;

5 R^4 is alkyl; and

6 X is =O.

1 Claim 20 (withdrawn): A compound in accordance with claim 1 in which:

2 R^1 is $-N(CH_3)_2$;

3 R^2 and R^3 are both acyloxy;

4 R^4 is alkyl; and

5 X is =O.

1 Claim 21 (withdrawn): A compound in accordance with claim 20 in which:

2 R^2 and R^3 are both acetoxy.

1 Claim 22 (withdrawn): A compound in accordance with claim 1 in which:

2 R^1 is $-N(CH_3)_2$;

3 R^2 is S-acyl;

4 R^3 is a member selected from the group consisting of hydroxy and acyloxy;

5 R^4 is alkyl; and

6 X is =O.

1 Claim 23 (withdrawn) A compound in accordance with claim 1 in which:

2 R^1 is $-N(CH_3)_2$;

3 R^2 is cypionyloxy;

4 R³ is acetoxy;
5 R⁴ is alkyl; and
6 X is =O.

1 Claim 24 (withdrawn) A compound in accordance with claim 1 in which:

2 R¹ is —N(CH₃)₂;
3 R² is methoxy;
4 R³ is acetoxy;
5 R⁴ is alkyl; and
6 X is =N-OR⁵.

1 Claim 25 (withdrawn) A compound in accordance with claim 1 in which:

2 R¹ is —N(CH₃)₂;
3 R² and R³ are both acetoxy;
4 R⁴ is alkyl; and
5 X is =N-OR⁵.

1 Claim 26 (original): A pharmaceutical composition comprising an effective
2 amount of a compound of claim 1 and a pharmaceutically acceptable excipient.

1 Claim 27 (original): A method of producing an antiprogestational effect in a
2 patient, said method comprising administering to said patient an effective amount of a compound
3 of claim 1.

1 Claim 28 (withdrawn): A method of inducing menses in a patient, said method
2 comprising administering to said patient an effective amount of a compound of claim 1.

1 Claim 29 (withdrawn): A method of treating endometriosis, said method
2 comprising administering to said patient an effective amount of a compound of claim 1.

1 Claim 30 (withdrawn): A method of treating dysmenorrhea, said method
2 comprising administering to said patient an effective amount of a compound of claim 1.

1 Claim 31 (withdrawn): A method of treating endocrine hormone-dependent
2 tumors, said method comprising administering to said patient an effective amount of a compound
3 of claim 1.

1 Claim 32 (withdrawn): A method of treating uterine fibroids in a patient, said
2 method comprising administering to said patient an effective amount of a compound of claim 1.

1 Claim 33 (withdrawn): A method of inhibiting uterine endometrial proliferation
2 in a patient, said method comprising administering to said patient an effective amount of a
3 compound of claim 1.

1 Claim 34 (withdrawn): A method of inducing labor, said method comprising
2 administering to a patient an effective amount of a compound of claim 1.

1 Claim 35 (withdrawn): A method of contraception, said method comprising
2 administering to a patient an effective amount of a compound of claim 1.

1 Claim 36 (withdrawn): A method of postcoital contraception, said method
2 comprising administering to a patient an effective amount of a compound of claim 1.